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AF/1652
MAY 30 2002
TECH CENTER 1600/2900

May 28, 2002

WRITER'S DIRECT NUMBER:
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Commissioner for Patents
Washington, D.C. 20231

Re: U.S. Utility Patent Appl. No. 09/403,269; § 371 Date: October 18, 1999
U.S. Nat'l Phase of PCT/SE98/00703; I.A. Filing Date: April 17, 1998
For: **DNA Sequence Encoding a Novel Glucuronyl C5-Epimerase
(as amended)**
Inventors: Lindahl *et al.*
Our Ref: 1708.0380000/MAC/MBT

Sir:

Transmitted herewith for appropriate action are the following documents:

1. PTO Fee Transmittal (Form PTO/SB/17);
2. Amendment and Reply Under 37 C.F.R. § 1.116;
3. Our Check No. 35327 for **\$1,788.00** to cover:
\$1,788.00 Excess Claim Fee (37 C.F.R. 1.16); and
4. One (1) return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

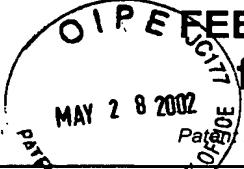
STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Michele A. Cimbala

Michele A. Cimbala
Attorney for Applicants
Registration No. 33,851

MAC:MBT:lam
Enclosures

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



OIPE FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

(\$1,788.00)

Complete If Known

| | |
|----------------------|----------------------|
| Application Number | 09/403,269 |
| § 371 Date | October 18, 1999 |
| First Named Inventor | Ulf Lindahl |
| Examiner Name | D. Steadman |
| Group Art Unit | 1652 |
| Attorney Docket No. | 1708.0380000/MAC/MBT |

METHOD OF PAYMENT (check one)

FEE CALCULATION (continued)

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:

Deposit Account Number 19-0036
Deposit Account Name Sterne, Kessler, Goldstein & Fox P.L.L.C.

Charge Any Additional Fee Required
Under 37 CFR §§ 1.16 and 1.17

Applicant claims small entity status
See 37 CFR 1.27

2. Payment Enclosed:

Check Credit card Money Order Other*
*Charge any deficiencies or credit any overpayments in the fees or fee calculations of Parts 1, 2 and 3 below to Deposit Account No. 19-0036.

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity Fee Code (\$) | Entity Fee (\$) | Small Entity Fee Code (\$) | Entity Fee (\$) | Fee Description | Fee Paid |
|----------------------------|-----------------|----------------------------|-----------------|------------------------|----------|
| 101 | 740 | 201 | 370 | Utility filing fee | |
| 106 | 330 | 206 | 165 | Design filing fee | |
| 107 | 510 | 207 | 255 | Plant filing fee | |
| 108 | 740 | 208 | 370 | Reissue filing fee | |
| 114 | 160 | 214 | 80 | Provisional filing fee | |

SUBTOTAL (1) (\$0.00)

3. ADDITIONAL FEES
Large Entity Small Entity

| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description | Fee paid |
|----------|----------|----------|----------|--|----------|
| 105 | 130 | 205 | 65 | Surcharge - late filing fee or oath | |
| 127 | 50 | 227 | 25 | Surcharge - late provisional filing fee or cover sheet | |
| 139 | 130 | 139 | 130 | Non-English specification | |
| 147 | 2,520 | 147 | 2,520 | For filing a request for ex parte reexamination | |
| 112 | 920* | 112 | 920* | Requesting publication of SIR prior to Examiner action | |
| 113 | 1,840* | 113 | 1,840* | Requesting publication of SIR after Examiner action | |
| 115 | 110 | 215 | 55 | Extension for reply within first month | |
| 116 | 400 | 216 | 200 | Extension for reply within second month | |
| 117 | 920 | 217 | 460 | Extension for reply within third month | |
| 118 | 1,440 | 218 | 720 | Extension for reply within fourth month | |
| 128 | 1,960 | 228 | 980 | Extension for reply within fifth month | |
| 119 | 320 | 219 | 160 | Notice of Appeal | |
| 120 | 320 | 220 | 160 | Filing a brief in support of an appeal | |
| 121 | 280 | 221 | 140 | Request for oral hearing | |
| 138 | 1,510 | 138 | 1,510 | Petition to institute a public use proceeding | |
| 140 | 110 | 240 | 55 | Petition to revive - unavoidable | |
| 141 | 1,280 | 241 | 640 | Petition to revive - unintentional | |
| 142 | 1,280 | 242 | 640 | Utility issue fee (or reissue) | |
| 143 | 460 | 243 | 230 | Design issue fee | |
| 144 | 620 | 244 | 310 | Plant issue fee | |
| 122 | 130 | 122 | 130 | Petitions to the Commissioner | |
| 123 | 130 | 123 | 130 | Petitions related to provisional applications | |
| 126 | 180 | 126 | 180 | Submission of Information Disclosure Stmt | |
| 581 | 40 | 481 | 40 | Recording each patent assignment per property (times number of properties) | |
| 146 | 740 | 246 | 370 | Filing a submission after final rejection (37 CFR 1.129(a)) | |
| 149 | 740 | 249 | 370 | For each additional invention to be examined (37 CFR 1.129(b)) | |
| 179 | 740 | 279 | 370 | Request for Continued Examination (RCE) | |
| 169 | 900 | 169 | 900 | Request for expedited examination of a design application | |

Other fee (specify):

Other fee (specify):

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$0.00)

SUBMITTED BY

Complete (if applicable)

| | | | | | |
|-------------------|---|--------------------------------------|--------|-----------|--------------|
| Name (Print/Type) | Michele A. Cimbala | Registration No. (Attorney/Agent) | 33,851 | Telephone | 202-371-2600 |
| Signature |  | | | Date | 5-28-02 |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.
SKGF Rev. 10/01/01 mnc

#15610v1<SKGF_DC1> - Amendment Fee Transmittal Form.wpd

RECEIVED



#1b/6
06/03/02

**Amendment Under 37 C.F.R. § 1.116
Expedited Procedure - Art Unit 1652**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RECEIVED

In re application of:

LINDAHL *et al.*

Application. No. 09/403,269

§ 371 Date: October 18, 1999

U.S. National Phase of PCT/SE98/00703;
I.A. Filing Date: April 17, 1998

For: **DNA Sequence Encoding a Novel
Glucuronyl C5-Epimerase (as
amended)**

Confirmation No. 7046

MAY 30 2002

Art Unit: 1652

TECH CENTER 1600/2900

Examiner: D. Steadman

Atty. Docket: 1708.0380000/MAC/MBT

NOT ENTERED

Amendment and Reply Under 37 C.F.R. § 1.116

Attn: Box AF

Sir:

In reply to the Office Action dated **February 26, 2002**, (PTO Prosecution File
Wrapper Paper No. 15), Applicant(s) submit(s) the following Amendment and Remarks.

This Amendment is provided in the following format:

(A) A clean version of each replacement paragraph/section/claim along
with clear instructions for entry;

(B) Starting on a separate page, appropriate remarks and arguments.

37 C.F.R. § 1.121 and MPEP 714; and

(C) Starting on a separate page, a marked-up version entitled: "Version
with markings to show changes made."

05/29/2002 JADDO1 00000052 09403269

01 FC:102
02 FC:103

420.00 OP
1368.00 OP